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CCCCTTAAGC TTCGCCTCCA TCGCGTGGTT CCTTACTCTG TCAATAACCT	200	
CTCAGACTAA TGGTATGCGC ATAGGAGACA GCCTGAACTC CCATAAACCC	250	
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TAATCAAACC TCTGAAAGTC AATATCTGGT ACCTGGTTAT GACAGGTGGT	1250	
GTAA TACTGGATTA ACCCCTTGTG TTTCCACCTT GGTTTTTAAC	1300	

FIGURE 1

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GACCCTTAAT AGTCCTCCTC CTGTTACTCA CAGTTGGGCC ATGTATTATT	1900	
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CICICGAAGI TITAAATIGA CIGGITIGIG ATATITIGAA ATGATIGGIT	2450	
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CACTOGGGC CGCAGTOCTC TACCCCTGCG TGGTGTACGA CTGTGGGCCC	2550	

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ACACCCGAGA ACCGACTIGG	ACCTAAAAAG	GATCCTCTTT	TTAACGTGTA	2750	
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CAGAGGACCG AATTCTGTTG	CTGAAGCGAA	AGCTTCCCCC	TCCGCGACCG	3000	
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TOGCCCTTTT CTTCTGCAGA	TCTCTATAAT	TOGAAAACTA	ACCATCCCCC	3800	

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GATTICCCTT AACTCGCCCC GGTTGGGACT ACAACACGGC TGAAGGTAGG	4050	·
GAGAGCTIGA AAATCTATCG CCAGGCTCIG GTGGCGGGTC TCCGGGGCGC	4100	
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CGAATGAACC CCCCICIGIT TITCITGAGA GGCICITGGA AGCCITCAGG	4200	
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AACCAGAAGT GTCTGCAAAT AACAAACCTA TCACTGTGTT GACCCTCCAA	5050	

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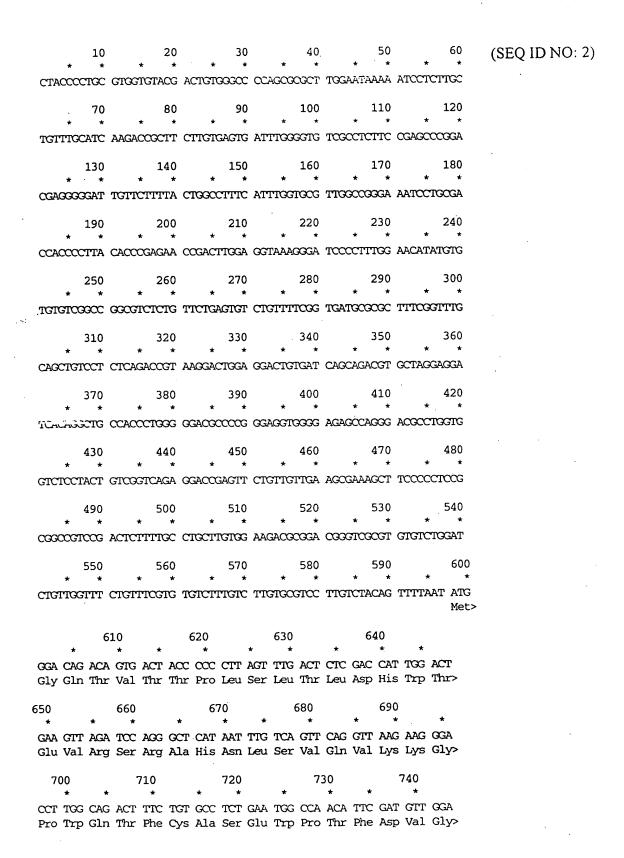
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CTAAGAAAGA GACTTCAACC	GTGGTAGCTA	AAAAAATACT	GGAAGAAATT	7550	

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ATGAATAGAA (CCATTAAAGA	GACCCITACT	AAATTGACCG	CGGAGACTGG	7750	
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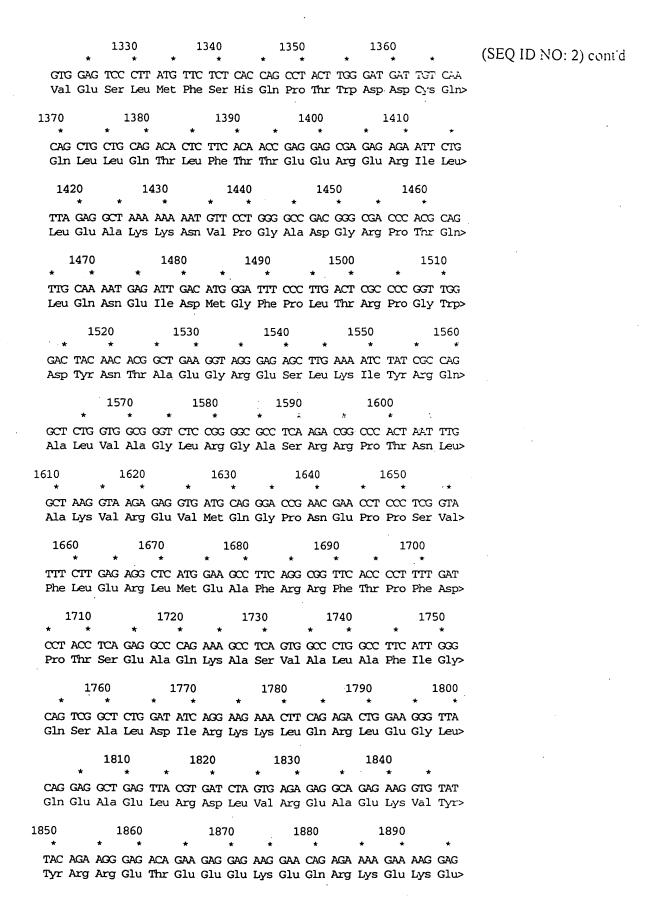
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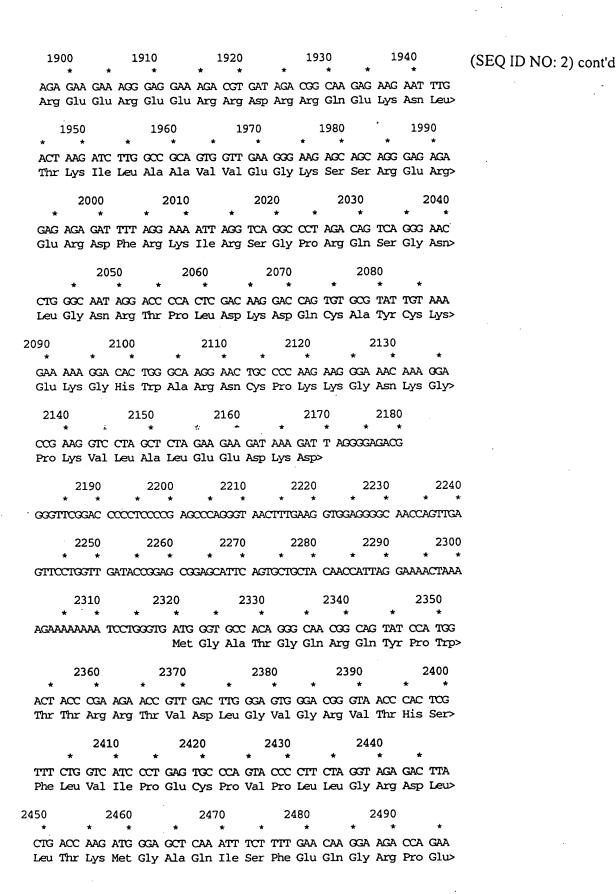
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	•		300			810			82				30			840	
	σCA	ATC	* ATT	TTT Phe	* CAG	ACT Thr	GGA Glv	ccc Pro	GGC Glv	TCT Ser	CAT His	CCT Pro	GAT Asp	CAG Gln	GAG Glu	CCC Pro>	
	124			50			360		- •	870			88	_			
	TAT	* ATC	CIT	* ACG	TGG	CAA	* GAT	TTG	* GCA	GAA	GAT	* CCT	CCG	* CCA	TOG	GTT Val	
c	Tyr 390	Ile	Leu	900	Trp	GIn	Asp 91		Ala		ASP 920	PIO	PIO	930	пр	Val>	
	*		*	*		*		*	*		*		*	*		*	
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	94	10 *	*	9	950		*	960 *		*	97	70 *	*	9	980 *		
	CTT Leu	GGA Gly	GAG Glu	AAA Lys	AAC Asn	AAA Lys	CAC His	TCG Ser	GCC Ala	GAA Glu	AAA Lys	GTC Val	GAG Glu	CCC Pro	TCT Ser	CCT Pro>	
	*	990		*	100	00	*	10)10 *		*	L020 *		*	103	30 *	
	CGT Arg	ATC Ile	TAC Tyr	CCC Pro	GAG Glu	ATC Ile	GAG Glu	GAG Glu	CCG Pro	CCG Pro	ACT Thr	TGG Trp	CCG Pro	GAA Glu	CCC Pro	CAA Gln>	
			040						106				070			1080	
	* CCT	GTT	, ф	CCA	* ccc	* CCT	TAT	* CCA	GCA	* CAG	œt	GCT	GIG	AGG	* GGA	*	
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		*	109	90 *	*	1:	100 *		*	L110 *		*	112	20 *	*		
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11	.30	•	1	L140			115	50 *		1	160		*	1170 *		*	
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	118		Arg		GIY	ALA		P10 1200	Giu	ALG	12		014		220	Ile>	
		*	*		*		*	*		*		*	*		*		
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	*	L230 *		*	124	10 *		1	250		*	1260		*	12	70 *	
	ccc	CTC	CAG	TAT	TGG	α	TTT	TCT	TCT	GCA	GAT	CIC	TAT	AAT	TOG	AAA Lvs>	
	PIO			ıyr			FNE	ser	13		υσυ		191 310			Lys>	
	*		280 *		*	1290 *		*		*	*		*		*	*	
	ACT Thr	AAC Asn	CAT His	CCC Pro	CCT Pro	TTC Phe	TCG Ser	GAG Glu	GAT Asp	CCC	CAA Gln	CGC Arg	CTC	ACG	Gly	TTG Leu>	

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                2510
                             2520
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                                2570
                                             2580
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  CAG TOO TOG TTG GAG CAG TTT COO CAA GOO TOG GCA GAA ACC GCA GOG
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           2650
                        2660
                                     2670
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 Met Gly Leu Ala Lys Gln Val Pro Pro Gln Val Ile Gln Leu Lys Ala>
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  2740
                2750
                             2760
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 Arg Glu Gly Ile Trp Pro His Val Gln Arg Leu Ile Gln Gln Gly Ile>
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    2790
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        2840
                     2850
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           2890
                        2900
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2930
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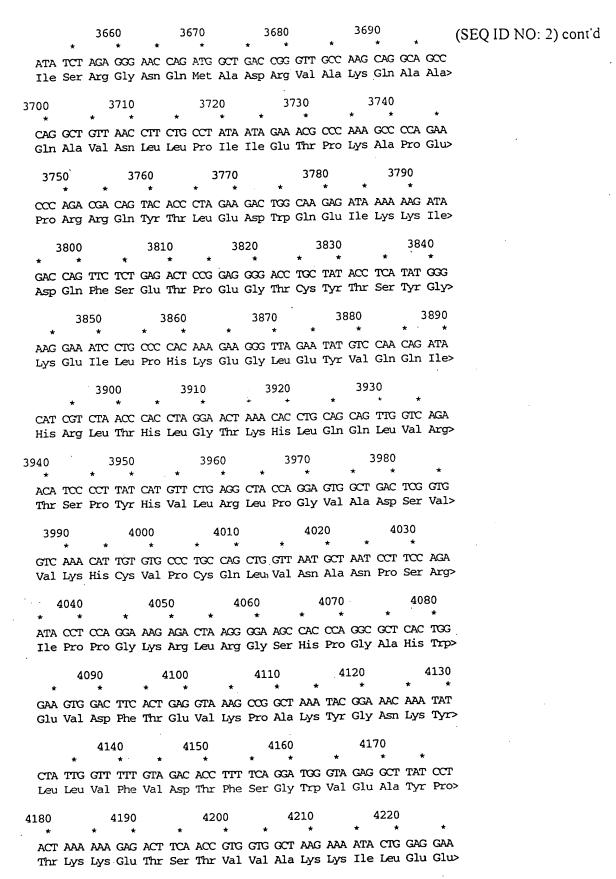
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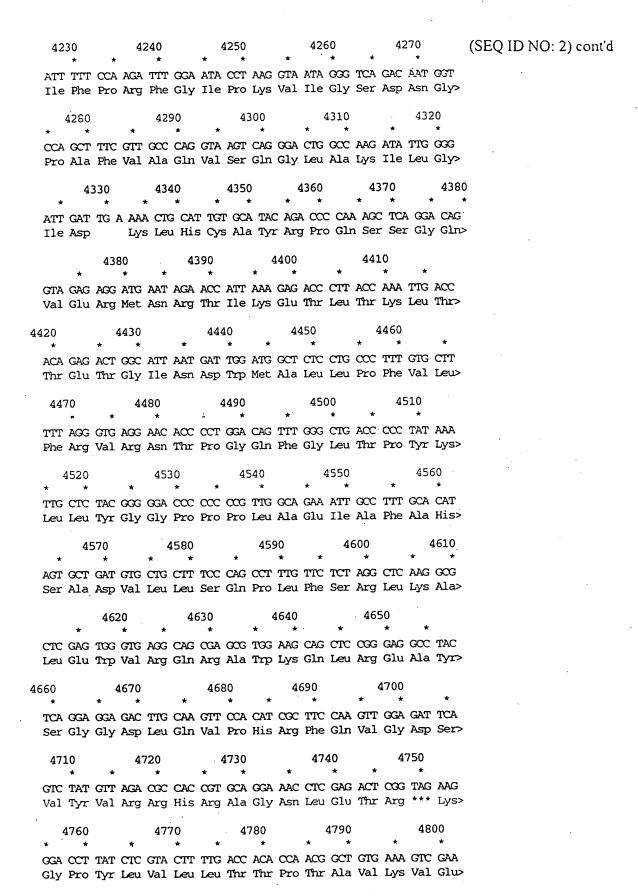
FIGURE 2, CONT.

Arg Leu Ala Ile Ile His Cys Pro Gly His Gln Lys Ala Lys Asp Leu>

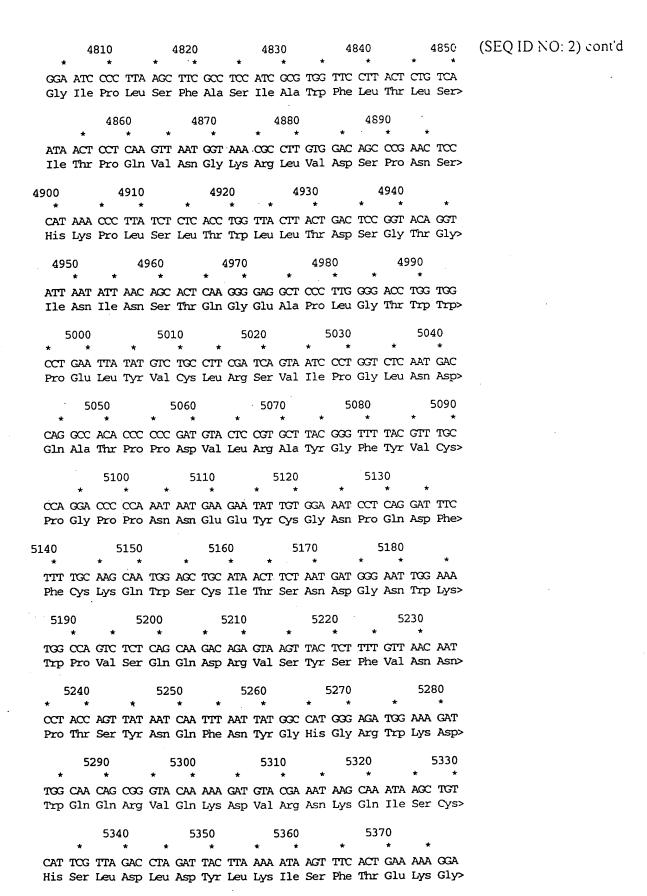
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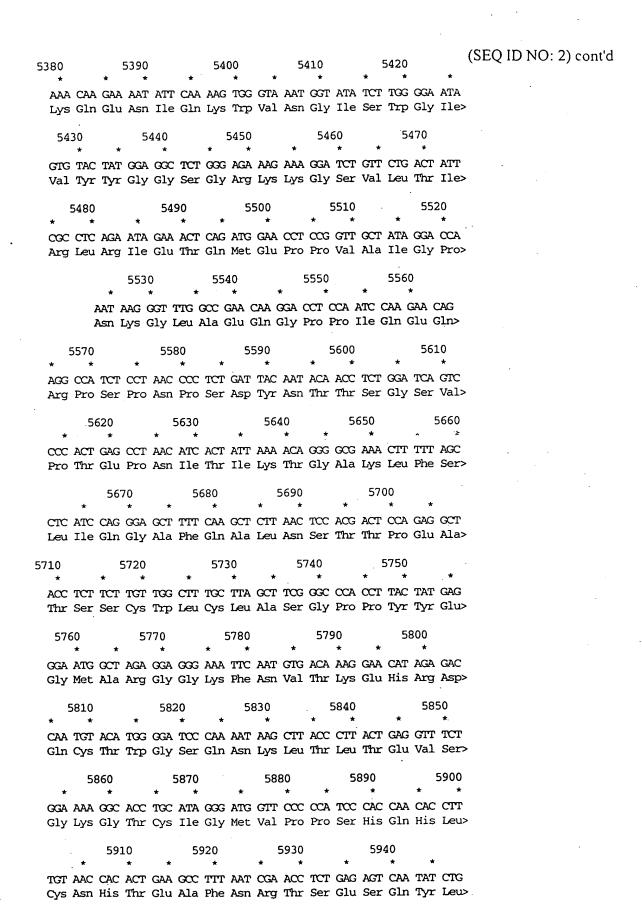
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(SEQ ID NO: 2) cont'd GTA CCT GGT TAT GAC AGG TGG TGG GCA TGT AAT ACT GGA TTA ACC CCT Val Pro Gly Tyr Asp Arg Trp Trp Ala Cys Asn Thr Gly Leu Thr Pro> TGT GTT TCC ACC TTG GTT TTC AAC CAA ACT AAA GAC TTT TGC GTT ATG Cys Val Ser Thr Leu Val Phe Asn Gln Thr Lys Asp Phe Cys Val Met> GTC CAA ATT GTC CCC CGG GTG TAC TAC TAT CCC GAA AAA GCA GTC CTT Val Gln Ile Val Pro Arg Val Tyr Tyr Tyr Pro Glu Lys Ala Val Leu> GAT GAA TAT GAC TAT AGA TAT AAT COG CCA AAA AGA GAG CCC ATA TCC Asp Glu Tyr Asp Tyr Arg Tyr Asn Arg Pro Lys Arg Glu Pro Ile Ser> CTG ACA CTA GCT GTA ATG CTC GGA TTG GGA GTG GCT GCA GGC GTG GGA Leu Thr Leu Ala Val Met Leu Gly Leu Gly Val Ala Ala Gly Val Gly> ACA GGA ACG GCT GCC CTA ATC ACA GGA CCG CAA CAG CTG GAG AAA GGA Thr Gly Thr Ala Ala Leu Ile Thr Gly Pro Gln Gln Leu Glu Lys Gly> CTT AGT AAC CTA CAT CGA ATT GTA ACG GAA GAT CTC CAA GCC CTA GAA Leu Ser Asn Leu His Arg Ile Val Thr Glu Asp Leu Gln Ala Leu Glu> AAA TCT GTC AGT AAC CTG GAG GAA TCC CTA ACC TCC TTA TCT GAA GTG Lys Ser Val Ser Asn Leu Glu Glu Ser Leu Thr Ser Leu Ser Glu Val> GTT CTA CAG AAC AGA AGG GGG TTA GAT CTG TTA TTT CTA AAA GAA GGA Val Leu Gln Asn Arg Arg Gly Leu Asp Leu Leu Phe Leu Lys Glu Gly> GGG TTA TGT GTA GCC TTA AAA GAG GAA TGC TGC TTC TAT GTA GAT CAC Gly Leu Cys Val Ala Leu Lys Glu Glu Cys Cys Phe Tyr Val Asp His> TCA GGA GCC ATC AGA GAC TCC ATG AGC AAG CTT AGA GAA AGG TTA GAG Ser Gly Ala Ile Arg Asp Ser Met Ser Lys Leu Arg Glu Arg Leu Glu> AGG CGT CGA AGG GAA AGA GAG OCT GAC CAG OGG TOG TTT GAA OGA TOG Arg Arg Arg Glu Arg Glu Ala Asp Gln Gly Trp Phe Glu Gly Trp>

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	Phe	Asn	Arg	Ser	Pro	Trp	Met	Thr	Thr	Leu	Leu	Ser	Ala	Leu		Gly>					
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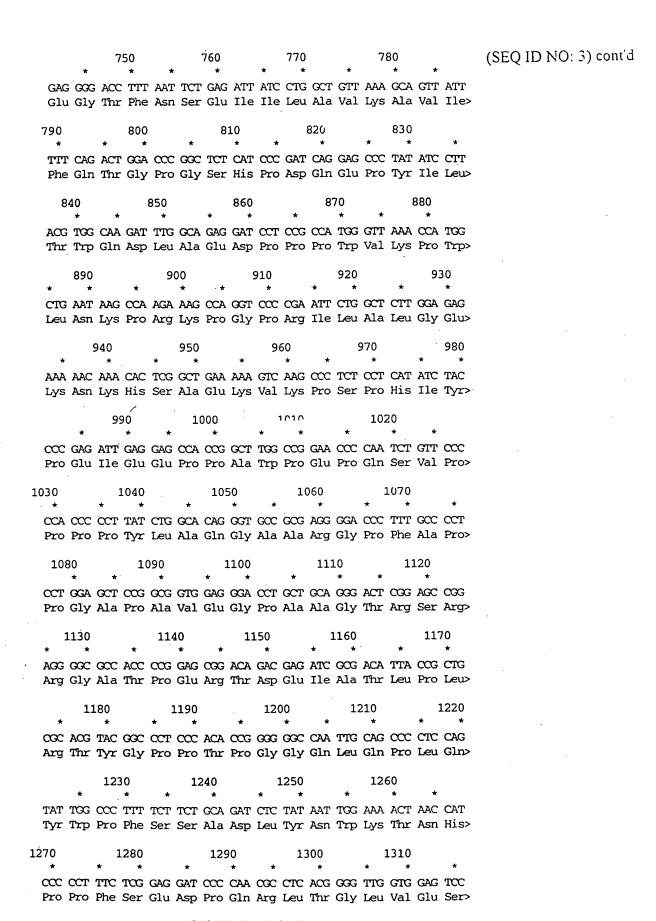
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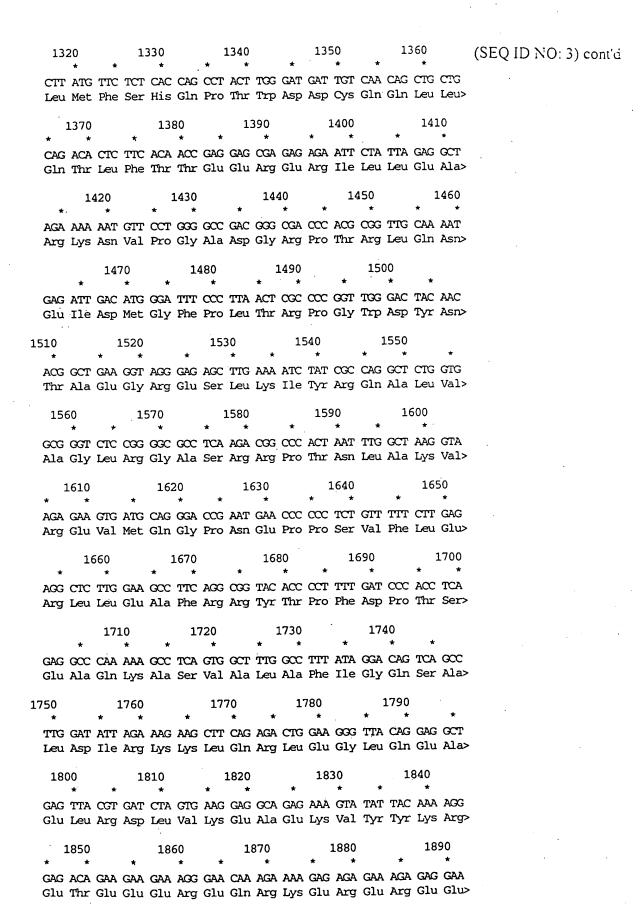


FIGURE 3,CONT.

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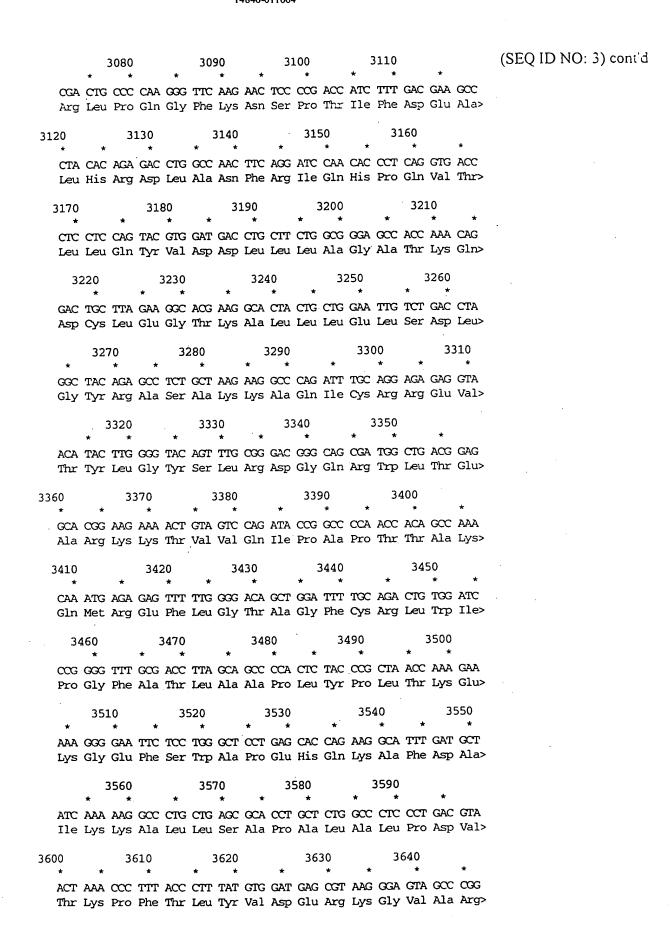
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                      2560
                                   2570
                                                 2580
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                          2660
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                          2900
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                                              3010
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                                                 3060
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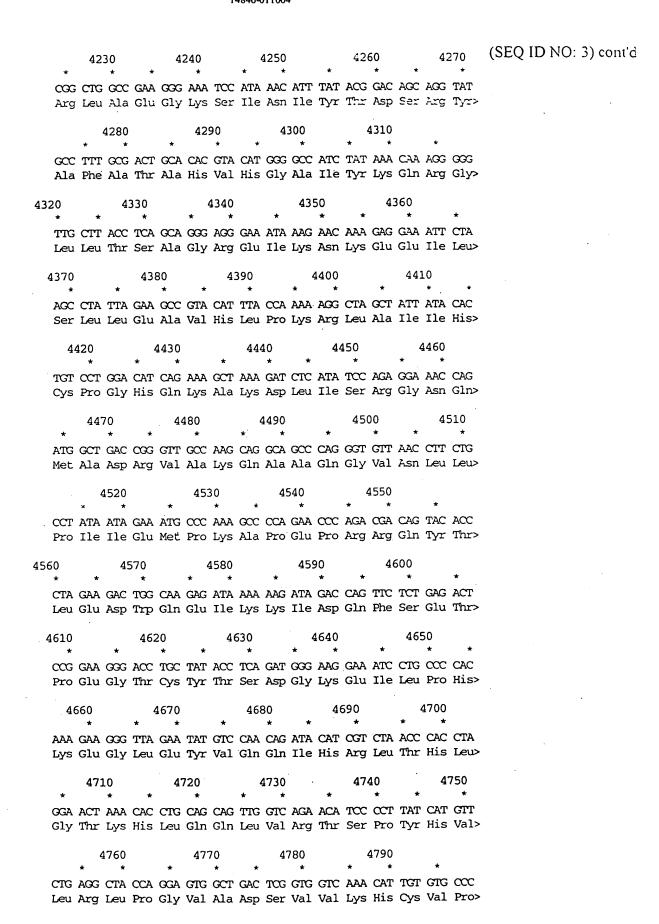


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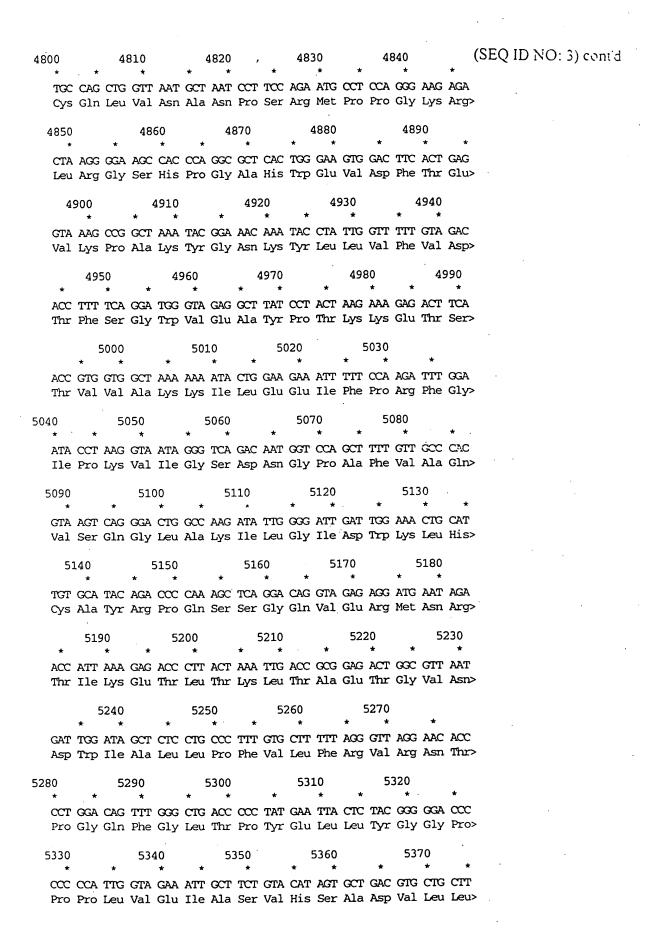
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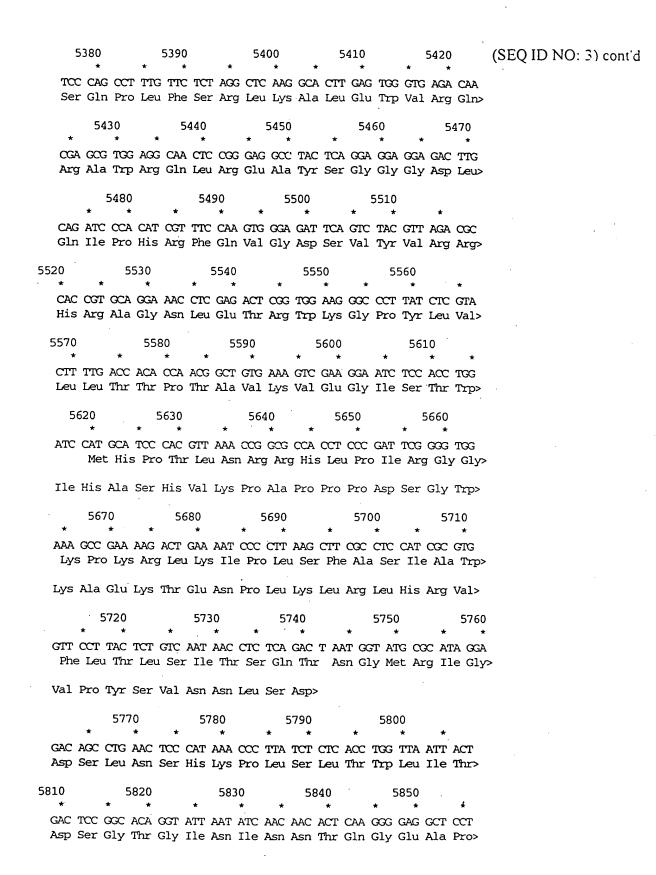
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             6780
                                        6800
 GGT TAT GAC AGG TGG TGG GCA TGT AAT ACT GGA TTA ACC CCT TGT GTT
 Gly Tyr Asp Arg Trp Trp Ala Cys Asn Thr Gly Leu Thr Pro Cys Val>
                                           6850.
                                                         6860
  6820
                6830
                             6840
 TCC ACC TTG GTT TTT AAC CAA ACT AAA GAT TTT TGC ATT ATG GTC CAA
 Ser Thr Leu Val Phe Asn Gln Thr Lys Asp Phe Cys Ile Met Val Gln>
                                              6900
 ATT GTT CCC CGA GTG TAT TAC TAT CCC GAA AAA GCA ATC CTT GAT GAA
 Ile Val Pro Arg Val Tyr Tyr Pro Glu Lys Ala Ile Leu Asp Glu>
                                                              6960
        6920
                                   6940
                     6930
 TAT GAC TAC AGA AAT CAT CGA CAA AAG AGA GAA CCC ATA TCT CTG ACA
 Tyr Asp Tyr Arg Asn His Arg Gln Lys Arg Glu Pro Ile Ser Leu Thr>
           6970
                        6980
                                     6990
 CTT GCT GTG ATG CTC GGA CTT GGA GTG GCA GCA GGT GTA GGA ACA GGA
```

Leu Ala Val Met Leu Gly Leu Gly Val Ala Ala Gly Val Gly Thr Gly>

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(SEQ ID NO: 3) cont'd ACA GCT GCC CTG GTC ACG GGA CCA CAG CAG CTA GAA ACA GGA CTT AGT Thr Ala Ala Leu Val Thr Gly Pro Gln Gln Leu Glu Thr Gly Leu Ser> AAC CTA CAT CGA ATT GTA ACA GAA GAT CTC CAA GCC CTA GAA AAA TCT Asn Leu His Arg Ile Val Thr Glu Asp Leu Gln Ala Leu Glu Lys Ser> GTC AGT AAC CTG GAG GAA TCC CTA ACC TCC TTA TCT GAA GTA GTC CTA Val Ser Asn Leu Glu Glu Ser Leu Thr Ser Leu Ser Glu Val Val Leu> CAG AAT AGA AGA GOG TTA GAT TTA TTA TTT CTA AAA GAA GGA GGA TTA Gln Asn Arg Arg Gly Leu Asp Leu Leu Phe Leu Lys Glu Gly Gly Leu> TGT GTA GCC TTG AAG GAG GAA TGC TGT TTT TAT GTG GAT CAT TCA GGG . Cys Val Ala Leu Lys Glu Glu Cys Cys Phe Tyr Val Asp His Ser Gly> GCC ATC AGA GAC TCC ATG AAC AAG CTT AGA GAA AGG TTG GAC AAG CGT Ala Ile Arg Asp Ser Met Asn Lys Leu Arg Glu Arg Leu Glu Lys Arg> CGA AGG GAA AAG GAA ACT ACT CAA GOG TOG TIT GAG GGA TOG TIC AAC Arg Arg Glu Lys Glu Thr Thr Gln Gly Trp Phe Glu Gly Trp Phe Asn> AGG TOT CIT TOG TIG GOT ACC CIA CIT TOT GOT TIA ACA GGA COC TIA Arg Ser Leu Trp Leu Ala Thr Leu Leu Ser Ala Leu Thr Gly Pro Leu> ATA GTC CTC CTG TTA CTC ACA GTT GGG CCA TGT ATT ATT AAC AAG Ile Val Leu Leu Leu Leu Thr Val Gly Pro Cys Ile Ile Asn Lys> TTA ATT GCC TTC ATT AGA GAA CGA ATA AGT GCA GTC CAG ATC ATG GTA Leu Ile Ala Phe Ile Arg Glu Arg Ile Ser Ala Val Gln Ile Met Val> CTT AGA CAA CAG TAC CAA AGC COG TCT AGC AGG GAA GCT GGC CGC Leu Arg Gln Gln Tyr Gln Ser Pro Ser Ser Arg Glu Ala Gly Arg>

TAGCTCT ACCAGTTCTA AGATTAGAAC TATTAACAAG AGAAGAAGTG GOGAATGAAA

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7600	7610	7620	7630	7640	7650	(SEQ ID NO: 3) cont'd
* *	* *		* *		* *	
GGATGAAAAT	ACAACCTAAG	CTAATGAGAA	CTTAAAATT	GTTCTGAATT	CCAGAGTTTG	
7660	7670	7680	7690	7700	7710	
* *	* *	* *	*	* *		
TTCCTTATAG	GTAAAAGATT	AGGTTTTTTG	CIGITITAAA	ATATGCGGAA	GTAAAATAGG	
7720	7730	7740	7750	7760	7770	
* *	* *	* *	* *	* *	* *	
CCCTGAGTAC	ATGTCTCTAG	GCATGAAACT	TCTTGAAACT	ATTTGAGATA	ACAAGAAAAG	
7780	7790	7800	7810	7820	7830	
* *	* *	* *	* *	* *		
GGAGTITCTA	ACTOCTTGTT	TAGCTTCTGT	AAAACTGGTT	GCGCCATAAA	GATGTTGAAA	
7840	7850	7860	7870	7880	7890	•
* *	* *		* , *	* *		
TGTTGATAĊA	CATATCTTGG	TGACAACATG	TCTCCCCCAC	CCCGAAACAT	GCGCAAATGT	
7900	7910	7920	7930	7940	7950	
* *	* *	* *	* *	* *	* *	•
GTAACTCTAA	AACAATTTAA	ATTAATTOGT	CCACGAAGCG	COCCTCTCC	AAGTTTTAAA	
7960	7970	7980	7990	8000	8010	
* *	* *	* *	, * *	* *	* *	
TTGACTGGTT	TGTGATATTT	TGAAATGATT	GGTTTGTAAA	GCGCGGGCTT	TGTTGTGAAC	
8020	8030	8040	8050	8060	8070	
* *	* *	* *	* *	* *	* *	•
CCCATAAAAG	CTGTCCCGAC	TCCACACTCG	GGGCCGCAGT	CCTCTACCCC	TECCTECTET	
8080	8090	8100	8110	8120	8130	
* *	* *	* *	, * *	* *	* *	
ACGACTGTGG	CCCCCAGCGC	GCTTGGAATA	AAAATCCTCT	TOCTGTTTGC	ATCAAAAAAA	
AA						